

**IN THE CLAIMS:**

**Please amend the Claims so as to read as follows:**

1. (Previously Presented) A moving apparatus, comprising:  
a flying body, including  
    a wing portion for fluttering in a space in which a fluid exists,  
    a driving portion for performing a down stroke in which said wing  
        portion is moved downward from above and an up stroke in  
        which said wing portion is moved upward from below, and  
    a main body to which said wing portion is attached and said  
        driving portion is mounted; wherein  
    by time average for the series of said down stroke and said up  
        stroke, vertically upward force received by said wing portion  
        from said fluid is larger than gravity acting on said flying  
        body , and wherein  
    said wing portion consists of two wings and said moving  
        apparatus can hover using said two wings.
  
2. (As originally filed) The moving apparatus according to claim 1, wherein  
    volume of said space in which said wing moves in said down stroke is  
    larger than the volume of said space in which said wing moves in said up  
    stroke.

3. (As originally filed) The moving apparatus according to claim 1, wherein said flying body is used as moving means for performing a prescribed operation indoors.
4. (As originally filed) The moving apparatus according to claim 1, wherein said flying body is used as moving means for performing a prescribed operation outdoors.
5. (Previously Presented) The moving apparatus according to claim 1, wherein each wing of said wing portion has a wing body portion, and a wing shaft portion supporting said wing body portion; and wherein said driving portion changes a torsion angle formed by a tip end of each wing of said wing body portion and a prescribed reference plane, by driving its associated wing shaft portion.
6. (As originally filed) The moving apparatus according to claim 5, wherein said driving portion makes said torsion angle in said down stroke different from said torsion angle in said up stroke.
7. (As originally filed) The moving apparatus according to claim 5, wherein said driving portion changes with time said torsion angle.

8. (Previously Presented) A moving apparatus, comprising:
  - a flying body, including
  - a wing portion for fluttering in a space in which a fluid exists,
  - a driving portion for performing a down stroke in which said wing portion is moved downward from above and an up stroke in which said wing portion is moved upward from below, and
  - a main body to which said wing portion is attached and said driving portion is mounted; wherein by time average for the series of said down stroke and said up stroke, vertically upward force received by said wing portion from said fluid is larger than gravity acting on said flying body, and wherein
  - said wing portion has
  - a wing body portion, and
  - a wing shaft portion supporting said wing body portion; wherein
  - said driving portion changes a torsion angle formed by a tip end of said wing body portion and a prescribed reference plane, by driving said wing shaft portion; and
  - wherein
  - said wing shaft portion includes one wing shaft portion and the other wing shaft portion; and
  - said wing body portion includes a film portion formed spreading across said one wing shaft portion and said the other wing shaft portion separately.

9. (Withdrawn from consideration)

10. (Withdrawn from consideration)

11. (Withdrawn from consideration)

12. (Withdrawn from consideration)

13. (As originally filed) The moving apparatus according to claim 1, comprising a sensor portion for grasping environmental condition.

14. (As originally filed) The moving apparatus according to claim 1, comprising a memory portion for storing information.

15. (As originally filed) The moving apparatus according to claim 1, comprising a communication portion for transmitting and receiving information.

16. (Rejoinder and Amendment Previously Requested) The moving apparatus according to claim 8,  
wherein

said one wing shaft portion and the other wing shaft portion are formed such that a space therebetween is enlarged toward tip ends of said one wing shaft portion and said the other wing shaft portion.

17. (Rejoinder Previously Requested) The moving apparatus according to claim 8, wherein said one wing shaft portion and said the other wing shaft portion are pivotable about the respective axes of said one wing shaft portion and said the other wing shaft portion.
18. (As originally filed) The moving apparatus according to claim 1, wherein a target manner of movement is realized by time-sequentially combining basic operations in accordance with basic operations pattern data.
19. (As originally filed) The moving apparatus according to claim 18, comprising storing means for storing combination of said basic operations pattern data and driving manner data related to the manner of driving said driving portion realizing said basic operations pattern data.